

SUMMARY OF OPERATING EXPERIENCE

November 1990

The unit was operated at a maximum achievable reactor power level of approximately 96.5% for the month of November, except for the following reductions in power.

On 11/1 at 0110, reactor power was reduced to approximately 91% during the conduct of moisture carryover testing begun 10/31. The purpose of the testing was to establish moisture carryover levels in the steam generators. The testing was completed by 0305 and the unit was returned to maximum power by 0430 on 11/1.

On 11/16 at 2125, reactor power was reduced to approximately 87% to conduct the periodic turbine stop valve test. The test was completed by 2250 and the unit was returned to maximum power by 0001 on 11/17.

The unit was operated at a maximum achievable power of approximately 96.5% for the remainder of the month.

9012270063 901215
PDR ADOCK 05000247
R PDR

OPERATING DATA REPORT

DOCKET NO. 50-247
 DATE 12/10/90
 COMPLETED BY J. Spivak
 TELEPHONE (914) 526-5104

OPERATING STATUS

1. Unit Name: Indian Point Unit #2
2. Reporting Period: November 1990
3. Licensed Thermal Power (MWt): 3071.4
4. Nameplate Rating (Gross MWe): 1310
5. Design Electrical Rating (Net MWe): 986
6. Maximum Dependable Capacity (Gross MWe): 975*
7. Maximum Dependable Capacity (Net MWe): 939*
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
 * This revision reflects the increase in power output achieved through 3/90 License Amendment and other plant improvements. Effective date of change was October 28, 1990, Daylight Savings Time.
9. Power Level To Which Restricted, If Any (Net MWe): 959
10. Reasons For Restrictions, If Any: Turning Limitations

Notes

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	8016	143929
12. Number Of Hours Reactor Was Critical	720	5092.98	98848.04
13. Reactor Reserve Shutdown Hours	0	0	3922.90
14. Hours Generator On-Line	720	5036.78	96242.01
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2135099	14380631	260892743
17. Gross Electrical Energy Generated (MWH)	705122	4680731	79275617
18. Net Electrical Energy Generated (MWH)	682392	4499306	75767591
19. Unit Service Factor	100	62.8	66.9
20. Unit Availability Factor	100	62.8	66.9
21. Unit Capacity Factor (Using MDC Net)	100.9	63.1	61.2
22. Unit Capacity Factor (Using DER Net)	96.1	58.2	60.0
23. Unit Forced Outage Rate	0	1.7	7.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling, Feb. 1, 1991, approximately 136 days.

25. If Shut Down At End Of Report Period, Estimated Date of Startup:		
26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>N/A</u>	<u>N/A</u>
INITIAL ELECTRICITY	<u>N/A</u>	<u>N/A</u>
COMMERCIAL OPERATION	<u>N/A</u>	<u>N/A</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-247

UNIT IP Unit No. 2

DATE 12/10/90

COMPLETED BY J. Spivak

TELEPHONE (914) 526-5104

MONTH November 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	941
2	946
3	947
4	946
5	950
6	941
7	943
8	947
9	945
10	944
11	944
12	946
13	939
14	942
15	949
16	937

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	941
18	940
19	942
20	949
21	950
22	954
23	958
24	955
25	955
26	955
27	957
28	956
29	958
30	955
31	-----

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November

DOCKET NO. 50-247
 UNIT NAME IP Unit No. 2
 DATE 12/10/90
 COMPLETED BY J. Spivak
 TELEPHONE (914) 516-5104

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
 									

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

MAJOR SAFETY-RELATED CORRECTIVE MAINTENANCE

<u>MWO</u>	<u>SYSTEM</u>	<u>COMPONENT</u>	<u>DATE</u>	<u>WORK PERFORMED</u>
52186	CVCS	21CHP	11/27/90	REBUILT POWER FRAME, REPACKED, INSTALLED NEW COUPLING